

**Appendix C**  
**Adapted Species for Forage Suitability Groups**  
**MLRA 47 < 10" PRECIPITATION**

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		Clayey		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 001		Deep Sub-Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>COOL SEASON GRASSES</b>															
Bluegrass	big	F	G			F		G	G	G	G	F	G		
Bluegrass	Kentucky		G			F		G		G			G		
Bromegrass	meadow		G		F	F		G		G			G		
Bromegrass	mountain							G		G			G		
Bromegrass	smooth		G		F	F		F	G	F	G	F	G		
Fescue	Sheep	F						G		G		F			
Fescue	tall		F		F	F		G		G			G		G
Foxtail	creeping		G		F	F		G		G			G		G
Foxtail	meadow		G			F		G		G			G		G
Galleta		G		F				G		G		F			
Needle and Thread								G		G		F			
Needlegrass	green		G					G		G		G			
Nuttall	alkaligrass														
Orchard grass															
* Adapted to certain sites		If there is adequate snow cover over winter that will provide protection.													

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		Sandy, dry (AWC 3-6") FSG # 026	Sub-Irrigated, Limy FSG # 030	Subirrigated, Loamy/Sandy FSG # 031	Wet FSG # 034						
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
<b>COOL SEASON GRASSES</b>											
Bluegrass	big	G		F		G					
Bluegrass	Kentucky		G	F		G					
Bromegrass	meadow		G		G	G					
Bromegrass	mountain										
Bromegrass	smooth	F	G		G	G					
Fescue	Sheep	G		G							
Fescue	tall		G		G	F		F			
Foxtail	creeping		G		G	G		G			
Foxtail	meadow		G		G	G		G			
Galleta		G									
Needle and Thread		G		F							
Needlegrass	green			F							
Nuttall	alkaligrass						F				
Orchard grass											
* Adapted to certain sites		If there is adequate snow cover over winter that will provide protection.									

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		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub-Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Prairie	junegrass	F						F		F					
Prairie cordgrass			F			F									G
Prairie sandreed															
Reed canarygrass			G			F			G		G		G		
Ryegrass	perennial		G		G				G		G		G		
Timothy			G		F	F			G		G		G		
Wheatgrass	beardless	F	G		F	F		G	G	G	G	F	G	G	G
Wheatgrass	bluebunch	F							F		F		F		
Wheatgrass	crested	F	G			F		G	G	G	G	F	G	G	
Wheatgrass	Hybrid (quack x bluebunch)			G		G	F		G		G		G		
Wheatgrass	Intermediate			G		F			G		G		G		G
Wheatgrass	Pubescent			G		F			G		G		G		G
Wheatgrass	Siberian	F		F		F		F		F		F		F	G
Wheatgrass	Slender	F	G	F	F	F		G	G	G	G	F	G	F	G

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		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034			
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Prairie	junegrass	F		F							
Prairie cordgrass			G			G		F			
Prairie sandreed				G							
Reed canarygrass			G		G	G		G			
Ryegrass	perennial		G		G						
Timothy			G		G	G		F			
Wheatgrass	beardless	F	G	G		G					
Wheatgrass	bluebunch	G		G							
Wheatgrass	crested	G		F		G					
Wheatgrass	Hybrid (quack x bluebunch)			F	F	G	G				
Wheatgrass	Intermediate			G	F	G	G				
Wheatgrass	Pubescent			G	F	G	G				
Wheatgrass	Siberian	G	G	F		G					
Wheatgrass	Slender	F	G	F	G	G					

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		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub-Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Wheatgrass	Standard crested	F				F		G		G		F		F	
Wheatgrass	Standard x fairway	F				F		G		G		F		F	
Wheatgrass	Streambank	G				F		G		G		F		F	
Wheatgrass	tall		G		F	F			G		G		G		G
Wheatgrass	thickspike	G		F		F		G		G		F		G	G
Wheatgrass	western	G	G	F	F	F		G	G	G	G	F	G	G	G
Wildrye	altai		G		G	G			G		G		G		G
Wildrye	basin	F	G	F	G	G		G	G	G	G	F	G	F	G
Wildrye	beardless		G		G				G		G		G		
Wildrye	canada		G			G			G		G		G		
Wildrye	mammoth		G		G	F		F	G	F	G		G		
Wildrye	russian	F	G	F	F	G		G	G	G	G	F	G	F	G
<b>WARM SEASON GRASSES</b>															
Alkali sacaton				F											
Bluestem	big														

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		Sandy, dry (AWC 3-6") FSG # 026	Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034				
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Wheatgrass	Standard crested	F	G	F		G					
Wheatgrass	Standard x fairway	G	G	F		G					
Wheatgrass	Streambank	F	G	G		G					
Wheatgrass	tall		G	G	G	G					
Wheatgrass	thickspike	F	G			G					
Wheatgrass	western		G	F		G					
Wildrye	altaï		G		G	G					
Wildrye	basin	F	G	F	G	G					
Wildrye	beardless		G		G						
Wildrye	canada		G	F		G					
Wildrye	mammoth	F	G	F		F					
Wildrye	russian	G	G	F		G					
<b>WARM SEASON GRASSES</b>											
Alkali sacaton								F			
Bluestem	big										

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		Clayey (AWC > 6") FSG # 001		Clayey-Saline (AWC > 6") (EC 8 - 16 mmhos/cm) FSG # 009		Deep Sub-Irrigated, Loamy FSG # 013		Loamy (AWC > 6") FSG # 017		Loamy, dry (AWC 3-6") FSG # 019		Loamy, Limy FSG # 022		Loamy, Mod. Saline (AWC >6") (EC 4 - 8 mmhos/cm) FSG # 023	
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Bluestem	Little														
Bluestem	sand														
Buffalograss															
Indian	ricegrass	F						F		F		F			
Indiangrass															
Sideoats	grama														
Squiretail	bottlebrush	F		G				F		F		F			
Switchgrass			G						G		G		G		
<b>INTRODUCED LEGUMES</b>															
Alfalfa			F			F			G		G		G		
Birdsfoot trefoil			F			F			G		G		G		G
Clover	alsike		G			F			G		G		G		
Clover	ladino		F			F			G		G		G		
Clover	red		F			F			G		G		G		
Clover	strawberry		G		F	F			G		G		G		G

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		Sandy, dry (AWC 3-6") FSG # 026		Sub-Irrigated, Limy FSG # 030		Subirrigated, Loamy/Sandy FSG # 031		Wet FSG # 034			
<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Bluestem	Little										
Bluestem	sand										
Buffalograss											
Indian	ricegrass										
Indiangrass											
Sideoats	grama										
Squiretail	bottlebrush										
Switchgrass											
<b>INTRODUCED LEGUMES</b>											
Alfalfa			G	G	G	F					
Birdsfoot trefoil			G		G	G		F			
Clover	alsike		G		G	G		F			
Clover	ladino		G		G	F		F			
Clover	red		G		G	G					
Clover	strawberry		G		G	G		G			

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED
Clover	white		F			F		G		G		G			
Milkvetch	cicer		F			F		G		G		G			F
Sainfoin			G			F		G		G		G			
Sweetclover	white	F	G			F		G	G	G	G	F	G	F	G
Sweetclover	yellow	F	G			F		G	G	G	G	F	G	F	G
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>															
Small Burnett			G			F		G		G		G			
Saltbush	Four Wing	F		F			G		G		F				
Saltbush	Gardner	G		F			G		G		F		G		

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<b>KEY to Adaptation</b>		DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND
Blank = Not Suited										
F = Fair										
G = Good										
Clover	white	G	G	F	G	DRYLAND	IRRIGATED	DRYLAND	IRRIGATED	DRYLAND
Milkvetch	cicer	G	F	G	G					
Sainfoin		G	F	G	F					
Sweetclover	white	G	G	G	G	F				
Sweetclover	yellow	G	G	G	G	F				
<b>OTHER PERENNIAL FORBS &amp; SHRUBS</b>										
Small Burnett		G	F		F					
Saltbush	Four Wing	G	F							
Saltbush	Gardner									